

RURAL DISTRICT COUNCIL OF NEWTOWN & LLANIDLOES

ANNUAL REPORT OF

THE MEDICAL OFFICER OF HEALTH

AND OF

THE PUBLIC HEALTH INSPECTOR

FOR THE YEAR 1971.

MEDICAL OFFICER

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CHIEF PUBLIC HEALTH INSPECTOR

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ADDITIONAL PUBLIC HEALTH INSPECTOR

A. M. Kelly M.A.P.H.I., M.R.S.H.

COUNCIL

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Vice Chairman
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E. Hamer



To the Chairman and Members of the Newtown and Llanidloes Rural District.

Mrs. Linhard and Gentlemen,

I have much pleasure in presenting for your consideration the annual report on the health and sanitary conditions in your area for 1971.

NATIONAL ASSISTANCE ACT 1947. SECTION 47.

No action was taken under this Section in 1971.

HOUSING.

At Carno 10 houses were completed and the Architects were asked to prepare plans for 4 houses and 2 bungalows at Cefn Coch.

COUNCIL HOUSING.

	<u>Built.</u>			<u>Under Construction</u>	
	<u>Houses.</u>	<u>Bungalows.</u>	<u>Flats.</u>	<u>Houses.</u>	<u>Bungalows.</u>
Adfa.. .. .	4	-	-	2	-
Aberhafesp	4	-	-	-	-
Cefn Coch	-	-	-	-	-
Bettws	12	4	-	-	-
Bwllychyrfridd	4	-	-	-	-
Cwmbelan.. .. .	-	-	-	-	-
Caersws	81	14	9	-	-
Clatter	4	2	-	-	-
Carno	34	16	-	-	-
Dolfor	4	-	-	-	-
Kerry	40	8	-	-	-
Llandinam	12	4	-	-	-
Llangurig	14	-	-	-	-
Mochdre	8	2	-	-	-
Manafon	2	-	-	2	2
New Mills	-	-	-	-	-
Sarn.. .. .	4	-	-	4	2
Tregynon.. .. .	12	-	-	-	-
Trefcglwys	6	-	-	-	-
TOTAL	245	50	9	8	4

PRIVATE BUILDING.

36 houses were under construction and 19 were completed.

SANITATION.

Work proceeded throughout the year on the connections of properties to the sewers at Llandinam. It is interesting to note that for more than a year now there have been no complaints of odd outbreaks of sickness affecting the children at Llandinam School. Maybe this is due to the abolition of chemical closets and the introduction of satisfactory sewage disposal methods.

Brynllwyarch School was connected to the public sewer at Kerry in October, 1971.

Construction of a sewerage scheme at Sarn was commenced in 1971.

The Council has approved plans to sewer Trefeglwys, Llawryglyn, Van and Corrist and all interested Authorities - County Council, Planning Committee and River Authority have been supplied with these plans. The District Valuers report on land required for the 5 sites in connection with this scheme was awaited at the end of the year.

At Adfa the Council has instructed the Engineers to prepare a scheme for this village and also at New Mills where some proposed private development will be incorporated.

REFUSE DISPOSAL.

The working party consisting of the 10 district councils in Montgomeryshire decided on a site at Abermule as a central site to serve the whole County, for the erection of a pulverisation plant.

In the meantime tipping continues at Cwmbelan and Brickyard Tregynon.

VITAL STATISTICS.

The estimated mid year population for 1971 was 8,180 which is an increase of 330.

There was a total of 129 births giving a birth rate of 15.8 per 1,000 population compared with 12.5 in 1970. The rate for England and Wales was 16.0 in 1971.

There were 14 illegitimate births which is 11% of all live births, the national rate being 8%. The rate in 1970 was 13%.

There were 3 still births which gives a rate of 23 per 1,000 total live and still births, compared with 10 per 1,000 in 1970 and the national rate in 1971 was 12 per 1,000.

There were 3 deaths of infants under the age of 1 year which gives an infant mortality rate of 23 per 1,000 live births - the national rate being 18 per 1,000. The rate in 1970 in this district was 10 per 1,000.

There was a total of 79 deaths which gives a death rate of 9.7 per 1,000 population, the national rate was 11.6 per 1,000. The rate in 1970 was 10.2 per 1,000.

Of these 79 deaths almost half (36) occurred after the age of 75 years.

27 deaths were due to some form of heart disease.

22 deaths were due to causes of various organs - 3 occurring in the lungs.

Accidents accounted for 2 deaths and there was one death from suicide.

I would like to thank my colleagues in the office for their co-operation.

I am,

Your obedient servant,

AMELIA EVANS.

STATISTICAL SURVEY.

District	Area in Acres	Population		Rateable Value		Product of Rate	
		1970	1971	1970	1971	ld 1970	lp 1971
Llanidloes	617	2330	2280	£56,879	£59,681	£227.17	£552
Machynlleth U.D.	1,183	1770	1750	£54,655	£55,805	£212	£516
Newtown U.D.	7,224	5690	6120	£183,753	£193,114	£738	£1,879
Machynlleth R.D.	98,564	2610	2460	£35,290	£37,100	£218	£310
Newtown R.D.	168,235	7850	8180	£113,365	£146,771	£664	£1,315

LIVE BIRTHS.

District	1970						1971					
	Legitimate			Illegitimate			Legitimate			Illegitimate		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Llanidloes	14	9	23	0	2	2	9	11	20	3	2	5
Machynlleth U.D.	13	13	26	1	0	1	13	9	22	0	2	2
Newtown U.D.	48	41	89	3	2	5	44	42	86	5	6	11
Machynlleth R.D.	14	10	24	0	0	0	12	20	32	0	2	2
Newtown R.D.	36	49	85	4	9	13	47	68	115	8	6	14

	Home Confinements		Still Births		Premature Births		Twin Pregnancies		Out of Coun' y Births	
	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971
Llanidloes	0	0	0	0	0	0	0	0	8	2
Machynlleth U.D.	0	0	0	0	0	0	0	0	16	10
Newtown U.D.	0	0	0	1	1	1	0	1	34	30
Machynlleth R.D.	0	0	0	0	1	0	0	1	12	15
Newtown R.D.	2	2	1	3	0	4	0	2	41	50

BIRTH RATE PER 1,000 POPULATION.

	<u>1970</u>	<u>1971</u>	<u>Illegitimate Live Births as percentage of all live births, 1971.</u>
Llanidloes	10.7	11.0	20
Machynlleth U.D.	15.3	13.7	8
Newtown U.D.	16.5	15.8	11
Machynlleth R.D.	9.2	13.8	6
Newtown R.D.	12.5	15.8	11
Montgomeryshire.	13.4	15.3	10
England and Wales.	16.0	16.0	8

STILL BIRTH RATE PER 1,000 LIVE AND STILL BIRTHS.

	<u>1970.</u>	<u>1971.</u>
Llanidloes	0	0
Machynlleth U.D.	0	0
Newtown U.D.	0	10
Machynlleth R.D.	0	0
Newtown R.D.	10	23
Montgomeryshire.	7	12
England and Wales.	13	12

INFANT DEATHS.

Llanidloes and Machynlleth R.D.	There were no deaths in infants under one year.
Machynlleth U.D.	There was one death in a boy of 36 hours death was due to:- Respiratory distress, prematurity and accidental haemorrhage.
Newtown U.D.	There were two infant deaths:- 1. A girl of 11 months, death due to Bronchopneumonia and hydrocephalus. 2. A boy of 6 months, death due to Bronchopneumonia.
Newtown R.D.	There were 3 infant deaths:- 1. A girl of 1 hour, death due to Subarachnoid haemorrhage from tear of tentorium cerebelli. 2. A boy of 6 months, death due to Agenesis, absent thymus gland, mongolism. 3. A boy of 9 months death due to Gastroenteritis and coeliac disease.

INFANT MORTALITY RATE.

(Number of Infant Deaths per 1,000 Live Births).

	<u>1970.</u>	<u>1971.</u>
Llanidloes.	0	0
Machynlleth U.D.	0	42
Newtown U.D.	0	21
Machynlleth R.D.	0	0
Newtown R.D.	10	23
Montgomeryshire.	8.6	14
England and Wales.	18	18

DEATHS.

	1 9 7 0			1 9 7 1		
	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
Llanidloes	25	20	45	32	28	60
Machynlleth U.D.	10	14	24	22	10	32
Newtown U.D.	33	44	77	48	41	89
Machynlleth R.D.	21	21	42	15	15	30
Newtown R.D.	35	44	79	42	37	79

DEATH RATE PER 1,000 POPULATION.

	<u>1970</u>	<u>1971</u>
Llanidloes.	19.3	26.3
Machynlleth U.D.	13.6	18.3
Newtown U.D.	13.5	14.5
Machynlleth U.D.	16.1	12.2
Newtown R.D.	10.2	9.7
Montgomeryshire.	13.5	13.0
England and Wales.	11.7	11.6

POPULATION TREND SINCE 1951.

	1951	1955	1960	1965	1970	1971
<u>Llanidloes.</u>						
Population.	2346	2320	2320	2370	2330	2280
Live Births.	30	27	30	31	25	25
Deaths.	26	46	28	58	45	60
<u>Machynlleth U.D.</u>						
Population.	1875	1840	1800	1790	1770	1750
Live Births.	40	28	25	22	27	24
Deaths.	27	25	27	27	24	32
<u>Newtown U.D.</u>						
Population.	5386	5360	5390	5490	5690	6120
Live Births.	90	79	85	90	94	97
Deaths.	89	56	48	78	77	89
<u>Machynlleth R.D.</u>						
Population.	3340	3080	2890	2710	2610	2460
Live Births.	47	38	30	30	24	34
Deaths.	65	40	44	38	42	30
<u>Newtown R.D.</u>						
Population.	9343	9220	9010	8530	7850	8180
Live Births.	146	121	150	116	98	129
Deaths.	109	121	95	96	79	79

(Estimated mid-year population)

CAUSE OF DEATH	LLANIDLOES			MACHYNLETH U.D.			NEWTOWN U.D.			MACHYNLETH R.D.			NEWTOWN R.D.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Malignant Neoplasm. Buccal Cavity.	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Malignant Neoplasm. Oesophagus.	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
Malignant Neoplasm. Stomach.	0	0	0	0	0	0	2	1	3	1	1	2	1	1	2
Malignant Neoplasm. Intestine.	1	1	2	0	0	0	2	0	2	1	0	1	1	1	2
Malignant Neoplasm. Breast.	0	1	1	0	1	1	0	2	2	0	0	0	0	3	3
Malignant Neoplasm. Lung Bronchus.	0	0	0	1	0	1	1	1	2	0	0	0	2	1	3
Malignant Neoplasm. Uterus.	0	2	2	0	0	0	0	1	1	0	0	0	0	0	0
Malignant Neoplasm. Prostate.	0	0	0	0	0	0	1	0	1	0	0	0	3	0	3
Leukaemia.	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Other Malignant Neoplasms.	1	0	1	0	0	0	1	3	4	2	2	4	5	4	9
Anaemias.	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Hypertensive Disease.	2	0	2	0	1	1	1	0	1	0	0	0	0	1	1
Ischaemic Heart Disease.	6	6	12	11	2	14	15	6	21	3	2	5	10	10	20
Other forms of Heart Disease.	1	1	2	3	4	7	2	2	4	2	2	4	5	2	7
Cerebro-Vascular Disease.	6	9	15	3	0	3	13	15	28	3	4	7	2	5	7
Pneumonia.	0	0	0	0	0	0	1	0	1	0	1	1	1	3	4
Bronchitis and Emphysema.	1	1	2	0	0	0	2	1	3	0	0	0	4	0	4
Diabetes Mellitus.	0	0	0	1	0	1	1	1	2	0	0	0	0	0	0

Contd.

CAUSES OF DEATH	LANIDLOES			MACHYNLEITH U.D.			NEWTOWN U.D.			MACHYNLEITH R.D.			NEWTOWN R.D.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Suicide.	0	0	0	0	0	0	0	0	0	2	0	2	1	0	1
Enteritis and other Diarrhoeal Diseases.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Nephritis and Nephrosis.	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
All other External Causes.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Congenital Anomalies.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Birth Injury Difficult Labour.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Symptoms Ill-Defined Conditions.	4	1	5	0	0	0	0	0	0	0	0	0	0	1	1
Other Endocrine Diseases.	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0
Other Causes of Perinatal Mortality.	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Other Diseases of Nervous System.	0	1	1	0	1	1	0	1	1	0	0	0	1	0	1
Other Diseases of Circulatory System.	3	5	8	0	0	0	1	4	5	0	0	0	1	4	5
Other Diseases of Respiratory System.	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0
Other Diseases Genito-Urinary.	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of Musculo-Skeletal System.	0	0	0	0	0	0	1	0	1	0	2	2	0	0	0
All other Accidents.	2	0	2	1	0	1	1	1	2	1	0	1	2	0	2
Motor Vehicle Accidents.	2	0	2	1	0	1	0	0	0	0	0	0	0	0	0
TOTAL	32	28	60	22	10	32	48	41	89	15	15	30	42	37	79

AGE AT DEATH

AGE	LANDLOES		MACHYLLTTH U.D.		NETTOWN U.D.		MACHYLLTTH R.D.		NETTOWEY R.D.	
	1970 M. F. T.	1971 M. F. T.	1970 M. F. T.	1971 M. F. T.	1970 M. F. T.	1971 M. F. T.	1970 M. F. T.	1971 M. F. T.	1970 M. F. T.	1971 M. F. T.
Under 4 weeks	0 0 0	0 0 0	0 0 0	1 0 1	0 0 0	0 0 0	0 0 0	0 0 0	1 0 1	0 1 1
4 weeks and under 1 year	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	1 1 2	0 0 0	0 0 0	0 0 0	2 0 2
1 - 4 years	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
5 - 14 years	0 0 0	1 0 1	0 0 0	0 0 0	0 1 1	0 0 0	0 0 0	0 0 0	0 0 0	1 1 2
15 - 24 years	0 0 0	2 0 2	0 0 0	0 0 0	0 0 0	1 0 1	1 0 1	0 0 0	1 1 2	1 0 1
25 - 34 years	0 0 0	0 0 0	0 0 0	0 0 0	2 0 2	0 0 0	0 1 1	0 0 0	0 0 0	1 0 1
35 - 44 years	2 0 2	0 0 0	0 0 0	0 0 0	0 0 0	1 0 1	0 0 0	0 0 0	0 1 1	1 1 2
45 - 54 years	1 1 2	1 0 1	0 0 0	1 0 1	3 1 4	3 1 4	2 2 4	1 0 1	1 3 4	2 0 2
55 - 64 years	6 2 8	4 3 7	0 1 1	3 0 3	8 9 17	8 5 13	5 4 9	3 2 5	4 4 8	3 2 5
65 - 74 years	5 5 10	7 11 18	9 3 12	10 3 13	6 12 18	16 11 27	4 3 7	6 3 9	13 10 23	13 14 27
75 and over	12 12 24	17 14 31	1 10 11	7 7 14	14 21 41	9 11 20	5 10 15	15 10 15	15 25 40	18 18 36
Total	26 20 46	32 28 60	10 14 24	22 10 32	33 44 77	48 41 89	21 21 42	15 15 30	35 44 79	42 37 79

Cause of Death	Sex	All ages	Under 4 weeks	4 weeks under one year	Age in Years								
					1 to 4	5 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 and over
Malignant Neoplasm, Buccal Cavity etc.	M F	1										1	
Malignant Neoplasm, Intestine.	M F	1 1									1	1	
Malignant Neoplasm, Breast.	M F										1		
Malignant Neoplasm, Uterus.	M F										1		1
Other Malignant Neoplasms.	M F	1							1				
Other Diseases of Nervous System.	M F												1
Hypertensive Disease.	M F	2									1	1	
Ischaemic Heart Disease.	M F	6 6									1 1	4 3	1 2
Other forms of Heart Disease.	M F	1 1											1 1
Cerebrovascular Disease.	M F	6 9									1	5	5 4
Other Diseases of Circulatory System.	M F	3 5										1	3 4
Bronehitis and Emphysema.	M F	1 1										1	1
Other Diseases of Respiratory System.	M F	1											1
Other Diseases of Genito-Urinary System.	M F	1											1
Symptoms and Ill Defined Conditions.	M F	4 1											4 1
Motor Vehiele Accidents.	M F	2				2							
All other Accidents.	M F	2			1							1	
TOTAL ALL CAUSES	M F	32 28			1	2				1	4 3	7 11	17 14

Cause of Death	Sex	All ages	Under 4 weeks	4 weeks under one year	Age in Years								
					1 to 4	5 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 and over
Malignant Neoplasm Lung.	M F	1										1	
Malignant Neoplasm Breast.	M F	1										1	
Diabetes Mellitus.	M F	1									1		
Anaemias.	M F	1											1
Other Diseases of Nervous System.	M F	1											1
Hypertensive Disease.	M F	1										1	
Ischaemic Heart Disease.	M F	11 2								1	1	5	4 2
Other forms of Heart Disease.	M F	3 4										1 1	2 3
Cerebrovascular Disease.	M F	3										2	1
Other causes of Perinatal Mortality.	M F	1	1										
Motor Vehicle Accidents.	M F	1										1	
All other Accidents.	M F	1									1		
TOTAL ALL CAUSES	M F	22 10	1							1	3	10 3	7 7

Cause of Death	Sex	All ages	Under 4 weeks	4 weeks under one year	Age in Years									
					1 to 4	5 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 and over	
Malignant Neoplasm of Stomach.	M F	2 1									1 1		1	
Malignant Neoplasm of Intestine.	M F	2								1			1	
Malignant Neoplasm of Lung and Bronchus.	M F	1 1										1 1		
Malignant Neoplasm of Uterus.	M F											1		
Malignant Neoplasm of Prostate.	M F	1											1	
Leukaemia.	M F	1											1	
Other Malignant Neoplasms.	M F	1 3									1 1	1	1	
Diabetes Mellitus.	M F	1 1										1	1	
Other Endocrine etc. Diseases.	M F	1 1									1		1	
Other Diseases of Nervous System.	M F			1										
Hypertensive Disease.	M F	1								1				
Ischaemic Heart Disease.	M F	15 6								1 1	3	7 3	4 2	
Other forms of Heart Disease.	M F	2 2											2 2	
Cerebro-Vascular Disease.	M F	13 15					1		1		1 1	3 3	7 11	
Other Diseases of Circulatory System.	M F	1 4										1 1	3	
Pneumonia.	M F	1		1										
Bronchitis and Emphysema.	M F	2 1										1	1 1	
Other Diseases of Respiratory System.	M F											1		
Nephritis and Nephrosis.	M F	1										1		
Diseases of Musculo-Skeletal System.	M F	1											1	
All other Accidents.	M F	1 1									1		1	
TOTAL ALL CAUSES.	M F	48 41		1 1			1		1	3 1	8 5	16 11	18 23	

Malignant Neoplasm of Breast.

M
F 2

1 1

Cause of Death	Sex	All ages	Under 4 weeks	4 weeks under one year	Age in Years									
					1 to 4	5 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 and over	
Malignant Neoplasm of Oesophagus.	M F	1											1	
Malignant Neoplasm of Stomach.	M F	1 1										1	1	
Malignant Neoplasm of Intestine.	M F	1								1				
Other Malignant Neoplasms.	M F	2 2									1	1	1 1	
Ischaemic Heart Disease.	M F	3 2									1	1 1	1 1	
Other forms of Heart Disease.	M F	2 2									1		2 1	
Cerebro-Vascular Disease.	M F	3 4									1	1 2	1 2	
Pneumonia.	M F	1											1	
Diseases of Musculo-skeletal System.	M F	2											2	
All other Accidents.	M F	1									1			
Suicide and Self Inflicted Injuries.	M F	2										2		
TOTAL ALL CAUSES.	M F	15 15								1	3 2	6 3	5 10	

Cause of Death	Sex	All ages	Under 4 weeks	4 weeks under one year	Age in Years									
					1 to 4	5 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 and over	
Enteritis and other Diarrhoeal Diseases.	M F	1		1										
Malignant Neoplasm of Stomach.	M F	1 1										1	1	
Malignant Neoplasm of Intestine.	M F	1 1										1	1	
Malignant Neoplasm of Lung and Bronchus.	M F	2 1								1		1	1	
Malignant Neoplasm of Breast.	M F											3		
Malignant Neoplasm of Prostate.	M	3											3	
Other Malignant Neoplasms.	M F	5 4				1		1			1	2 1	2 1	
Other Diseases of Nervous System.	M F	1					1							
Hypertensive Disease.	M F												1	
Ischaemia Heart Disease.	M F	10 10							1		1 1	4 6	5 2	
Other forms of Heart Disease.	M F	5 2										3	2 2	
Cerebrovascular Disease.	M F	2 5										2	2 3	
Other Diseases of Circulatory System.	M F	1 4											1 4	
Pneumonia.	M F	1 3											1 3	
Bronchitis and Emphysema.	M F	4				1					1	2		
Congenital Anomalies.	M F	1		1										
Birth Injury, Difficult Labour Etc.	M F													
Symptoms and Ill Defined Conditions.	M F												1	
All other Accidents.	M F	2							1		1			
Suicide and Self Inflicted Injuries.	M F	1										1		
All other External Causes.	M F	1								1				
TOTAL ALL CAUSES.	M F	42 37		2		1 1	1	1	1 1	2	3 2	13 14	18 18	

INFECTIOUS DISEASES

The following diseases are notifiable by Medical Practitioners to the Medical Officer of Health:-

Acute encephalitis (infective, post infections)
Acute meningitis
Acute poliomyelitis (paralytic, non-paralytic)
Anthrax
Cholera
Diphtheria
Dysentery (amoebic or bacillary)
Infective Jaundice
Leptospirosis
Malaria
Measles
Ophthalmia neonatorum
Paratyphoid fever
Plague
Replapsing fever
Scarlet fever
Smallpox
Tetanus
Tuberculosis (respiratory, meninges and C.N.S., other forms)
Typhoid fever
Typhus fever
Whooping Cough
Yellow fever
Food poisoning
Leprosy

LLANIDLOES BOROUGH.

There were 5 cases of measles notified. 2 males ages 2 and 6 years and 3 females ages 4, 4 and 6 years.

MACHYNLLETH U.D.

No case was notified.

NEWTOWN U.D.

One case of food poisoning due to salmonella typhimurium in a man of 26 was notified.

One case of infective jaundice in a woman of 66 was notified.

112 cases of measles were notified.

	<u>Male</u>	<u>Female</u>
Under 1 year..	1
1 year..	3	4
2 years	8	9
3 years	5	13
4 years	6	8
5 - 9 years	29	21
10 - 14 years	2	2
15 - 24 years		
25 and over	1
Total	<u>53</u>	<u>59</u>

MACHYNLLETH R.D.

1 case of food poisoning in a boy of 15.

Two cases of measles -- a man age 42 and a woman of 24.

Two cases of Whooping cough in girls ages 3 and 5 years were notified.

NEWTOWN R.D.

Food poisoning -- one case of a baby age 6 months.

Infective jaundice -- a man age 62.

98 cases of measles were notified.

	<u>Male</u>	<u>Female</u>
Under 1 year.. .. .	2	1
1 year.. .. .	4	4
2 years	7	2
3 years	4	7
4 years	6	3
5 - 9 years	20	18
10 - 14 years	8	2
15 - 24 years	5	4
25 and over	1	
Total	<u>57</u>	<u>41</u>

SALMONELLOSIS

The Divisional Veterinary Officer of the Ministry of Agriculture notifies me of salmonellosis on farms in my district. Unless care is taken in handling sick animals with this disease there is a risk of an outbreak of food poisoning in the farm worker and his family and from drinking contaminated milk.

The farms are visited or contacted by telephone and advice is given about the care needed to be taken to prevent spread of the disease. Where the farmer holds a milk dealer's licence it is important to ascertain that no raw milk is sold from the farm.

NEWTOWN U.D.

One outbreak was notified on a farm within the urban district. The farmer holds a milk dealer's licence but no raw milk is sold, it all goes for pasteurisation.

MACHYNLLETH R.D.

Three outbreaks were notified, two on one farm where there is no milk dealer's licence and the third on a farm with a licence.

NEWTOWN R.D.

Four outbreaks notified, two with no milk dealer's licence and two with such a licence -- all the milk is pasteurised.

BRUCELLOSIS.

Although this is not a notifiable disease I became aware of three cases occurring in males ages 37, 39 and 48 years. Two of these men were farmers, but the third had only a remote **connection** with farms and gave no history of drinking raw milk.

TUBERCULOSIS.

LLANIDLOES BOROUGH.

No new case of tuberculosis was notified in 1971.

One name was removed from the register - due to death from other causes.

At the end of the year there were 6 names on the register.

MACHYNLLETH U.D.

No new cases were notified.

One man, notified in 1967 left the town in 1971. It was also ascertained that 4 other cases had left the town in the last few years.

At the end of 1971 there were 5 names on the register.

NEWTOWN U.D.

A man of 58, who was notified elsewhere and previously with pulmonary tuberculosis, moved into the district.

Three names were removed from the register all due to recovery:-

1. Male age 33 in 1964 notified with pulmonary tuberculosis.
2. Male age 43 in 1963 notified with pulmonary tuberculosis.
3. Female age 34 in 1956 notified with pulmonary tuberculosis.

At the end of the year there were 11 names on the register.

MACHYNLLETH R.D.

It is disturbing to report that during the year 6 cases of tuberculosis were notified in the district:-

1. A female of 74 with tubercular glands in the neck.
2. A male of 18 with pulmonary tuberculosis.
3. A female of 29 with pulmonary tuberculosis.
4. A boy of 2 with pulmonary tuberculosis.
5. A man of 48 with pulmonary tuberculosis.
6. A man of 68 notified at post-mortem having died from another condition.

One of these cases was a school teacher and as a result the whole school, children, teachers, canteen staff and cleaners were investigated - Mantoux tests being carried out on the children and the adult staff were referred to the clinic as contacts and X rayed. Of the 51 children who were tested one gave a positive reaction and was referred to the Chest Physician for further investigation.

The contacts of all the other cases were interviewed and attended the clinic.

4 names were removed from the register:-

1. A young man who was 17 in 1958 when notified with tubercular condition of the knee - he has left the district.

2. A man who was 45 in 1951 when notified with pulmonary tuberculosis - death from other causes.
3. A man notified in 1960 aged 66 - death from other causes.
4. A woman age 71 in 1962 - death from other causes.

There were 21 names on the register at the end of the year.

NEWTOWN R.D.

A case of pulmonary tuberculosis in a man of 59 years was notified and a male of 68 already notified with pulmonary tuberculosis came to live in the district.

5 names were removed from the register:-

1. Man age 62 in 1968 notified with tubercular glands of neck - recovered.
2. Man age 65 in 1966 notified with pulmonary tuberculosis - recovered.
3. Man age 47 in 1966 notified with pulmonary tuberculosis - recovered.
4. Man age 43 in 1962 notified with pulmonary tuberculosis - recovered.
5. Man age 28 in 1935 notified with pulmonary tuberculosis - recovered.

There are 19 names on the register at the end of the year.

VACCINATION AGAINST TUBERCULOSIS

This procedure is carried out on 13 year old (and) children at the High Schools in the County.

	Newtown High	College of Further Education	Machynlleth	Llanidloes	Brynllwyarch
Skin tested	112	6	55	75	11
+ ve reactors	1	0	2	2	0
+ ve reactors (B.C.G. previously)	5	0	2	3	1
+ ve suspicious	6	0	0	3	0
- ve reactors	99	6	51	64	10
B.C.G. vaccination	98	6	51	62	10

MASS RADIOGRAPHY SERVICE.

The unit was requested to visit Floform factory at Welshpool following a notification of pulmonary tuberculosis in an employee working there but living in the Machynlleth area.

WATER SUPPLIES

(Information from Montgomeryshire Water Board)

- (a) The supplies of the districts concerned have been satisfactory throughout the year in both quantity and quality. A summary of the results of tests is given in Appendix 'A'.
- (b) In the event of an unsatisfactory bacteriological sample result being obtained, a check is made to ensure that an adequate chlorine residual is being maintained and a further sample is taken as soon as possible.
- (c) The number of dwelling houses connected to the mains during the year is given in Appendix 'B'.
- (d) The fluoride content of the supplies is less than 0.01 p.p.m.

APPENDIX 'A'

WATER SAMPLES 1971

Source	Chemical	Bacteriological		Note
		Satisfactory	Unsatisfactory	
Llanidloes Borough	4	13	1	1
Machynlleth Urban District Council	2	42	3	
Machynlleth Rural District Council	2	45	0	
Newtown Urban District Council		4	0	
Newtown and Llanidloes Rural District Council				
Adfa	2	12	1	2
Tregynon	2	10	0	
Manafon	1	11	0	
Dolfor	1	8	0	
Kerry	4	12	4	
Sarn	2	12	0	
Llangurig	4	14	0	
Cymbelan	-	12	0	
Llandinam	6	52	2	
Bulk Supplies				
Aberangell	1	4	1	
Ceinws	1	4	0	
TOTAL	32	255	12	

- Note
1. Samples taken from various locations but all from Llanbrynmair Source.
 2. Severn Valley Scheme Source with bulk of samples taken at Welshpool.

DWELLINGS CONNECTED DURING 1971

	Houses	Others
Llanidloes Borough	6	-
Machynlleth Urban District Council	5	3
Newtown and Llanllwchaiarn Urban District Council	156	19
Machynlleth Rural District Council		
Caereinion Pechain	-	-
Cemmaes	1	-
Darowen	10	5
Isygarreg	-	-
Llanbrynmair	2	-
Llanwrin	-	-
Penegoes	2	-
Uwchygarreg	-	-
Newtown and Llanidloes Rural District Council		
Aberhafesp	11	-
Bettws	1	-
Carno	10	-
Kerry	10	1
Llandinam	3	-
Llangurig	-	-
Llanidloes Without	1	-
Llanllugan	-	-
Llanwnnog	8	1
Llanwyddelan	4	-
Manafon	6	-
Mochdre	2	-
Penstrowed	-	-
Trefeglwys	6	1
Tregynon	-	-
Total	244	30

GENERAL PROVISION OF HEALTH SERVICES THROUGHOUT THE DISTRICT.

AMBULANCE.

The County Council is responsible for the Ambulance Service.

Machynlleth	-	2 ambulances	-	5 men.
Llanidloes	-	1 ambulance	-	3 men.
Newtown	-	2 ambulances	-	5 men.

The Ambulance Officer is Mr. T. I. Davies.

Non-emergency cases -- Tel: Newtown 6201

Emergency cases - Tel: Newtown 6111

DOMICILINARY MIDWIFERY AND HOME NURSING.

The districts are served by the following nurses:-

1. Based at Newtown General Practitioners Surgery, Park St.

a. Miss C. Lloyd Jones - retired 17th November, 1971.

b. Mrs. M. Finucane S.R.N., S.C.M., Q.I.D.N.S. - from 17th November, 1971.
Brynfedw,
Aberhafesp. Tel: Newtown 579

c. Mrs. D. Haynes S.D.N., Q.I.D.N.S. (E)
Philreen,
7 New Bungalows,
Llanidloes Rd.,
Newtown. Tel: Newtown 6920

These cover the areas of Newtown, Mochdre, Dolfor, Kerry, Sarn, Abermule, Tregynon, Bettws, New Mills, Adfa, Manafon and Bwlchyffridd.

2. Mrs. J. A. Griffiths S.R.N., S.C.M.

Tynycoed,
Llandinam. Tel: Caersws 344

Areas covered Llandinam, Oakley Park and Llidiartywaen.

3. Mrs. O. Hamer S.R.N., S.C.M.,

19 Garden Suburbs,
Llanidloes. Tel: Llanidloes 432

Areas covered Llanidloes, Llangurig, Cwmbelan and Old Hall.

4. a. Mrs. S. Jones S.R.N., S.C.M. - retired 11th June, 1971.

b. Mrs. Pat Edwards S.R.N. - appointed June, 1971.
Llawrcoed Uchaf,
Llanbrynmair. Tel: Llanbrynmair 325

Areas covered Carno, Clatter, Pontdolgoch, Bont, Staylittle, Talerddig and Llanbrynmair.

5. Mrs. E. Humphries S.R.N., S.C.M. (part 1)

4 Londonderry Terrace,
Machynlleth. Tel: Machynlleth 2264

Areas covered Machynlleth, Derwenlas, Cemmaes, Cemmaes Rd., Cwmlline, Aberhosan, Abercegir, Commins Coch and part of Aberangell.

6. Mrs. M. S. Richards S.R.N., S.C.M.
Penralt,
Trefeglwys. Tel: Trefeglwys 667
Areas covered Trefeglwys and Llanidloes.
7. Mrs. B. Davies S.R.N., Q.I.D.N.S.
Hopyard Cottage,
Penstrowed. Tel: Newtown 6003
Areas covered Caersws, Llanwnnog, Aberhafesp and Mochdre.
8. Mrs. E. Edwards S.R.N., S.C.M.
Bryn-Mair,
Llanbryn-mair.
Relief nurse for Machynlleth Urban, rural areas and part of
Newtown rural area.

HEALTH VISITORS.

Miss Gravell S.R.N., S.C.M., H.V.	Machynlleth urban and rural areas, Carno.
Miss M. Lewis S.R.N., S.C.M., H.V.	Llanidloes, Llangurig, Staylittle, Llandinam, Llawryglyn, Trefeglwys.
Miss N. L. Jones S.R.N., S.C.M., H.V.	Newtown, Dolfor, Mochdre.
Mrs. D. F. Humphreys S.R.N., S.C.M., H.V.	Sarn, Kerry, Abermule, Tregynon, Clatter, Abermule, Caersws.
Mrs. Ryder S.R.N., S.C.M., H.V.	Cefn Coch, New Mills and areas in Llanfyllin and Forden rural districts.

LABORATORY SERVICE.

Frequent use is made of the Public Health Laboratory Service at Shrewsbury and Aberystwyth.

MATERNITY AND CHILD WELFARE.

The County Council is responsible for this service and Infant Welfare Clinics are held throughout the district.

A request was made by mothers of young children living in the Carno area, to have a clinic in that area and during the year such a clinic was started and is well attended.

Carno Village Hall.	First Wednesday afternoon in the month.
Caersws School Room Presbyterian Chapel.	Last Friday afternoon in the month.
Llanidloes Clinic.	Second and last Wednesday afternoon each month.
Llanbryn-mair Village Hall.	Second Thursday afternoon each month
Machynlleth Doll St. Clinic.	Second and fourth Tuesday afternoon each month.
Newtown Clinic Park St.	Every Wednesday afternoon.

TUBERCULOSIS.

This service is controlled by the Regional Hospital Board and the Chest Physician Dr. G. O. Thomas holds clinics throughout the areas:-

Newtown County Infirmary	Second and fourth Tuesdays 11 a.m.
Machynlleth Chest Hospital	Every Wednesday 10 a.m.
Llanidloes Hospital	Saturday before last Tuesday 10.30 a.m.

IMMUNISATION PROCEDURE.

1st year of life	Protection against Diphtheria, Whooping Cough, Tetanus and Polio.
2nd year of life	Measles vaccination.
Age 5	Booster Diphtheria, Tetanus and Poliomyelitis.
Age 13	Tuberculosis vaccination.
Age 13 (girls)	Rubella vaccination.

VACCINATION AGAINST SMALLPOX.

The joint Committee on Vaccination and Immunisation has reviewed the indications for offering vaccination against Smallpox in Great Britain at the present time and during 1971 the following advice was given by this Committee:-

1. Vaccination against Smallpox need not now be recommended as a routine procedure in early childhood.
2. All travellers to and from areas of the world where Smallpox is endemic or countries where eradication programmes are in progress should be protected by recent vaccination.
3. Health Service Staff who came into contact with patients should be offered vaccination and regular re-vaccination.

DEPARTMENT OF SOCIAL SERVICES.

During the year this department was set up by the County Council and has taken over the duties of the former Welfare Department, Children's Department, Home Help Service and Mental Health Service etc.

Director Mr. J. P. Evans.
Deputy Director Mr. J. B. N. Williams.

County Offices, Welshpool. Tel: Welshpool 3311.

NEWTOWN AND LLANIDLOES RURAL DISTRICT COUNCIL.

A. J. Haddocks, M.A.P.H.I.,
Surveyor and Chief Public
Health Inspector.

R.D.C. Offices,
The Park,
Newtown,
Mont. SY16 2PA

PUBLIC HEALTH INSPECTORS ANNUAL REPORT

To the Chairman and Members of the Council,

I beg to submit my report for the year ended 31st December, 1971.

The following is a summary and classification of inspections carried out during the year.

PUBLIC HEALTH ACT, 1936.

NUISANCES

(a) Number of complaints	36
(b) Nuisances verified	10
(c) Revisits	19

BUILDING REGULATIONS 644

REFUSE COLLECTION AND DISPOSAL 41

SEWAGE DISPOSAL

(a) Private	113
(b) Public	206

PUBLIC CONVENIENCES 24

WATER SUPPLIES

(a) Private	67
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WELFARE 23

ESTATES

Inspections	316
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PETROLEUM REG. ACTS 1928/36

Inspections	54
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FOOD

1. Meat Inspection.

The licence in respect of one slaughterhouse was not renewed, during the year, due to the failure of the owner to conform with the requirements in respect of the construction of the premises. The remaining three slaughterhouses continued to operate and liason with the Divisonal Veterinary Officer of the Ministry of Agriculture, Fisheries and Food was maintained during the year. Minor defects in respect of two slaughterhouses were remedied as a result of informal action.

During the year 100% inspection of carcasses and organs was carried out and the total throughput was as follows:-

Beasts.....568

Pigs.....476

Sheep/Lambs.....4009

FOOD Contd.Meat condemned.

Livers.....	Sheep 114	Beasts, 44	Pigs 22
Heads.....	Sheep Nil	Beasts 1	Pigs 4
Carcases.....	Sheep 4	Beasts 88 lb.	Pigs Nil
Legs.....	Sheep Nil	Beasts Nil	Pigs Nil

2. Food Hygiene (General) Regulations, 1970.

The departments activities were extended, in the work of promoting improved standards of food hygiene, having regard to the above - mentioned legislation, which came into force on 1st March, 1971. Detailed inspections were carried out and contraventions dealt with by informal action. The following is a summary of the contraventions found:-

Risk of contamination of food	6
Personal cleanliness	1 (food handler smoking)
Sanitary Conveniences.	
(a) cleanliness	1
(b) repair	1
(c) notice in respect of hand washing	11
Provision of wash hand basins	.
(a) supply of hot and cold water	3
(b) provision of soap, nail brushes and drying facilities	4
Provision of first aid materials.	7
Accommodation for clothing.	2
Facilities for washing of food and equipment.	8
Lighting of food rooms.	4
Ventilation of food rooms.	4
Cleanliness and repair.	9
Accumulations of refuse.	2

HOUSING ACT, 1957.

Inspections	127
Re-Inspections	42

HOUSING ACT, 1969, AS AMENDED. HOUSE IMPROVEMENT AND REPAIR.Discretionary Grants.

Number of visits and inspections	108
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Standard Grants.

Number of visits and inspections	63
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The following are details of grants approved to date by the Council:-

1. Discretionary Grants.

	<u>No. of houses</u>	<u>Amount of grant.</u>
Grants approved to 31st December, 1970.	505	£171,339
Grants approved during, 1971.	<u>56</u>	<u>£59,824</u>
	<u>561</u>	<u>£231,163</u>

Total amount of grants paid from the commencement of the Act to 31st December, 1971. £162,195.

HOUSING ACT, 1969, AS AMENDED. HOUSE IMPROVEMENT AND REPAIR. Contd.2. Standard Grants.

	<u>No. of houses</u>	<u>Amount of grant.</u>
Grants approved to 31st December, 1970.	86	£17,633
Grants approved during 1971.	<u>19</u>	<u>£7,934</u>
	<u>105</u>	<u>£25,567</u>

Total amount of grant paid from the commencement of the provisions to 31st December, 1971. £15,875.

FACTORIES ACT, 1961.

	<u>No. on Register</u>	<u>No. of Inspections.</u>
1. (i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority.	Nil	-
(ii) Factories not included in (i) in which Section 7 is enforced by Local Authority.	24	47
(iii) Other premises in which Section 7 is enforced by the Local Authority.	15	21

2. No matters were referred to or by H.M. Inspector of Factories.

THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

(a) Premises registered.	
Retail Shops	19
Offices	7
Catering Establishments	4
Fuel Storage Depots	<u>Nil</u>
Total	<u>30</u>
(b) Number of inspections	65
(c) Number of premises deleted from register due to termination of business	Nil
(d) Number of premises not requiring registration	32
(e) Number of accidents notified during the year	Nil

Contraventions.

A total of 15 contraventions were noted and these are classified as follows:-

Cleanliness	5
Washing Facilities	2
First Aid general provisions	6
Other matters	2

Informal action was taken to rectify these contraventions.

CARAVAN SITES AND THE CONTROL OF DEVELOPMENT ACT, 1960.

Number of inspections.	71
Number of site licences granted 1971.	3
Total number of site licences granted to 31st December, 1971.	30

WATER SUPPLIES.

The total number of samples taken during the year and submitted for analysis or examination was:-

<u>Public.</u>	Bacteriological	3 satisfactory.
<u>Private.</u>	Bacteriological	18 Satisfactory.
		<u>22</u> Unsatisfactory.
		<u>30</u>
	Chemical	2 Satisfactory.

Total samples taken 35.

Samples of Public Supplies taken by Montgomeryshire Water Board:-

88 Satisfactory.	
3 Unsatisfactory*.	Total 91.

* Found to be satisfactory on resampling.

NEW DWELLING HOUSES.

During the year Council houses were completed at:-

Carno	-	10 houses.
-------	---	------------

Under construction at the end of the year:-

Sarn	-	4 houses	2 bungalows
Manafon	-	2 houses	2 bungalows
Adfa	-	2 houses	

In the case of private enterprise 36 houses were under construction at 31st December, 1971 and 19 completed during the year.

BUILDING REGULATIONS, 1965.

During the year 265 applications were received.

11 applications were rejected for non compliance with the Building Regulations.

10 of the rejected applications were amended, re-submitted and approved.

1 of the rejected applications was not re-submitted.

RAINFALL.

The following is the total anual rainfall for 1971:-

Caersws.....	774.21 mm.
Trefeglwys.....	35.42 inches.

PREVENTION OF DAMAGE BY PESTS ACT, 1949 - RODENT CONTROL.

<u>Type of Premises</u>	<u>No. of Properties Surveyed</u>	<u>No. of Infestations Found</u>	<u>No. of Infestations Treated</u>	<u>No. of Premises Treated by Occupier.</u>	<u>Number of Inspections and Revisits made in Connection with Treatments.</u>
Agricultural	663	169	169	-	1318
Business	96	39	39	-	198
Private Dwellings	284	22	22	-	649
Local Authority	20	5	5	-	95
Totals	1063	235	235	0	2260

The number of contracts at 31st December, 1971 was 90 an increase of 14.

REFUSE COLLECTION AND DISPOSAL.

The Shelvoke & Drewry "fore and aft tipper" refuse vehicle, having been in service for ten years, and was taken out of commission on 31st March.

This vehicle was replaced by a second S & D Pakamatic, with a capacity of 35 cubic yards. With two vehicles of this capacity, the Council were enabled to rearrange and extend the collection service.

The problems associated with the Council's refuse disposal site at Tregynon, were not solved during the year and the need for more satisfactory site, for this purpose, remains.

	<u>1970.</u>	<u>1971.</u>
Vehicle Mileage	20,578	22,388
Derv. Consumption	2,194 galls.	2,414 galls.

Signed.....A. J. MADDOCKS.

Chief Public Health Inspector.

15th December, 1972.

